

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (Currently amended): A method of searching unstructured data stored in a
2 database, the method comprising:
3 storing a plurality of electronic records in a common repository of electronic
4 records in the database that provides an audit trail that cannot be altered or disabled by users
5 associated with the database of the system, wherein each electronic record comprises
6 unstructured data stored in a character large-object (CLOB) format in a column of a table of the
7 database;
8 generating one or more security rules in response to input identifying one or more
9 elements in the unstructured data as elements of the one or more security rules;
10 creating a security protocol that protects the electronic records against
11 unauthorized access based on the one or more security rules;
12 creating a query designed to identify electronic records in the database that meet
13 criteria designated in the query;
14 prior to executing the query, modifying the query in accordance with the security
15 protocol to create a modified query; and
16 running the modified query against the unstructured data.

1 2. (Currently amended): The method of claim 1 further comprising wherein the
2 ~~security protocol comprises a plurality of security rules and wherein the method further~~
3 ~~comprises the steps of:~~
4 allowing a user to identify the one or more elements in the unstructured data as
5 indexed elements; and
6 allowing a user to ~~create use~~ generate the one or more security rules based on the
7 indexed elements ~~to create the plurality of security rules.~~

1 3. (Currently amended): The method of claim 1 wherein access to electronic
2 records in the common repository is automatically granted unless the security protocol restricts
3 such access and wherein the security protocol comprises a plurality of security rules that
4 restrict[[s]] access to the electronic records within the database.

1 4. (Original): The method of claim 1 wherein access to electronic records in the
2 common repository is automatically denied unless the security protocol grants such access and
3 wherein the security protocol comprises a plurality of security rules that grant access to the
4 electronic record within the database.

1 5. (Original): The method of claim 1 wherein the plurality of electronic records
2 are generated from multiple data sources.

1 6. (Currently amended): The method of claim 5 wherein one or more fields of an
2 electronic record in the plurality of electronic records are filled with XML data based on a
3 predefined mapping of the fields to multiple data sources.

1 7. (Canceled).

1 8. (Currently amended): The method of claim 1 wherein the unstructured data
2 comprises well-formed XML documents stored within [[a]] the column of [[a]] the table stored
3 in the database.

1 9. (Original): The method of claim 1 further comprising allowing a user to
2 enable and disable the security protocol.

1 10. (Currently amended): A computer system for searching unstructured data
2 stored in a database, the computer system comprising:
3 a processor;
4 a database; and

5 a computer-readable memory coupled to the processor, the computer-readable
6 memory configured to store a computer program;

7 wherein the processor is operative with the computer program to:

8 (i) store a plurality of electronic records in a common repository of electronic
9 records in the database that provides an audit trail that cannot be altered or disabled by
10 users associated with the database of the system, wherein each electronic record
11 comprises unstructured data stored in a character large-object (CLOB) format in a
12 column of a table of the database;

13 (ii) generate a one or more security rules in response to input identifying one
14 or more elements in the unstructured data as elements of the one or more security rules;

15 (iii) create a security protocol that protects the electronic records against
16 unauthorized access based on the one or more security rules;

17 ([iii] iv) create a query designed to identify electronic records in the
18 database that meet criteria designated in the query;

19 ([iv] v) modify the query in accordance with the security protocol to create
20 a modified query prior to executing the query; and

21 (vi) run the modified query against the unstructured data.

1 11. (Currently amended): The computer system of claim 10 wherein the
2 processor is further operative with the computer program to allow a user to identify the one or
3 more elements in the unstructured data as indexed elements; and

4 allow a user to ~~create use~~ generate the one or more security rules based on the
5 indexed elements ~~to create the plurality of security rules~~.

1 12. (Currently amended): The computer system of claim 10 wherein the
2 processor is further operative with the computer program to automatically grant access to
3 electronic records in the database ~~[[is]]~~ unless the security protocol restricts such access and
4 wherein the security protocol comprises a plurality of security rules that restrict~~[[s]]~~ access to the
5 electronic records within the database.

1 13. (Currently amended): The computer system of claim 10 wherein the
2 processor is further operative with the computer program to automatically deny access to
3 electronic records in the database unless the security protocol grants such access and wherein the
4 security protocol comprises a plurality of security rules that grant access to the electronic records
5 within the database.

1 14. (Original): The computer system of claim 10 wherein the plurality of
2 electronic records are generated from multiple data sources.

1 15. (Currently amended): The computer system of claim 14 wherein one or more
2 fields of an electronic record in the plurality of electronic records are filled with XML data based
3 on a predefined mapping of the fields to multiple data sources.

1 16. (Canceled).

1 17. (Currently amended): The computer system of claim 16 wherein the
2 unstructured data comprises well-formed XML documents stored within [[a]] the column of [[a]]
3 the table stored in the database.

1 18. (Currently amended): A computer program product stored on having a
2 computer-readable storage medium storing a set of code modules which when executed by a
3 processor of a computer system cause the processor to [[for]] search[[ing]] unstructured data
4 stored in a database, the computer program product comprising:

5 code for storing a plurality of electronic records in a common repository of
6 electronic records in the database that provides an audit trail that cannot be altered or disabled by
7 users associated with the database of the system, wherein each electronic record comprises
8 unstructured data stored in a character large-object (CLOB) format in a column of a table of the
9 database;

10 code for generating one or more security rules based on input indentifying one or
11 more elements in the unstructured data as elements of the one or more security rules;

12 code for creating a security protocol that protects the electronic records against
13 unauthorized access based on the one or more security rules;
14 code for creating a query designed to identify electronic records in the database
15 that meet criteria designated in the query;
16 code for modifying the query in accordance with the security protocol to create a
17 modified query prior to executing the query; and
18 code for running the modified query against the unstructured data.

1 19. (Currently amended): The computer program product of claim 18 ~~wherein~~
2 ~~the program~~ further comprising: [[es]]
3 code for allowing a user to identify the one or more elements in the unstructured
4 data as indexed elements; and
5 code for allowing a user to ~~create use~~ generate the one or more security rules
6 based on the indexed elements ~~to create the plurality of security rules~~.

1 20. (Currently amended): The computer program product of claim 19 ~~wherein~~
2 ~~the program~~ further comprising: [[es]]
3 code for automatically granting access to electronic records in the database [[is]]
4 unless the security protocol restricts such access, wherein the security protocol comprises a
5 plurality of security rules that restrict [[s]] access to the electronic records within the database.

1 21. (Currently amended): The computer program product of claim 19 ~~wherein~~
2 ~~the program~~ further comprising: [[es]]
3 code for automatically denying access to electronic records in the database unless
4 the security protocol grants such access, wherein the security protocol comprises a plurality of
5 security rules that grant access to the electronic records within the database.

1 22. (Currently amended): The computer program product of claim 18 wherein
2 the plurality of electronic records are generated from multiple data sources.

1 23. (Currently amended): The computer program product of claim 18 wherein
2 one or more fields of an electronic record in the plurality of electronic records are filled with
3 XML data based on a predefined mapping of the fields to multiple data sources.

1 24. (Canceled).

 25. (Currently amended): The computer program product of claim 18 wherein
the unstructured data comprises well-formed XML documents stored within [[a]] the column of
[[a]] the table stored in the database.